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List of the Articles Published in Other Journals (1960)

Physical Chemistry

- R. H. OTTEWILL, M. C. RASTOGI and Akira WATANABE: The Stability of Hydrophobic Sols in the Presence of Surface-Active Agents. *Trans. Faraday Soc.*, **56**, 854.
- R. H. OTTEWILL and Akira WATANABE: Studies on the Mechanism of Coagulation. (I). The Stability of Positive Silver Iodide Sols in the Presence of Anionic Surface Active Agents. *Kolloid Z.*, **170**, 38.
- R. H. OTTEWILL and Akira WATANABE: Studies on the Mechanism of Coagulation. (II). The Electrophoretic Behaviour of Positive Silver Iodide Sols in the Presence of Anionic Surface Active Agents. *Kolloid Z.*, **170**, 132.
- R. H. OTTEWILL and Akira WATANABE: Studies on the Mechanism of Coagulation. (III). The Formation of Positive Silver Iodide Sols in the Presence of Anionic Surface Active Agents. *Kolloid Z.*, **171**, 33.
- R. H. OTTEWILL and Akira WATANABE: Studies on the Mechanism of Coagulation. (IV). Some Consideration on the Coagulation of Sols of Small Spherical Particles under Conditions of Varying Ionic Strength and Surface Potential. *Kolloid Z.*, **173**, 7.
- R. H. OTTEWILL and Akira WATANABE: Studies on the Mechanism of Coagulation (V). The Coagulation of Sols of Silver Iodide Particles Coated with Tetradecyl Sulphate. *Kolloid Z.*, **173**, 122.
- R. W. HORNE, R. H. OTTEWILL and Akira WATANABE: Studies on the Precipitation of Metallic Salts of Tetradecyl Sulphate. *Proceedings of the 3rd International Congress of Surface Activity, Cologne*.
- Tetsuya HANAI, Naokazu KOIZUMI, Takeo SUGANO and Rempei GOTOH: Dielectric Properties of Emulsion. (11). *Kolloid Z.*, **171**, 20.
- Tetsuya HANAI: Theory of the Dielectric Dispersion Due to the Interfacial Polarization and its Application to Emulsions, *Kolloid Z.*, **171**, 23.
- Rempei GOTOH, Tohru TAKENAKA and Soichi HAYASHI: Infrared Spectral Study of Oxidation of Liquid Paraffin. *Kogyo Kagaku Zasshi (Journal of the Chemical Society of Japan, Industrial Chemistry Section)*, **63**, 729.
- Rempei GOTOH and Tohru TAKENAKA: Inductive Effect of Polar Substituents on CH Stretching Vibrations of Aliphatic Hydrocarbons. *Nippon Kagaku Zasshi (Journal of the Chemical Society of Japan, Pure Chemistry Section)*, **81**, 1504.
- Rempei GOTOH and Hiroshi AIDA: Critical Conditions for Brittle Fracture of Asphalts in Extension. *Zairyo Shiken (Journal of the Japan Society for Testing Materials)*, **9**, 331.
- Eiji SUITO and Kazuyoshi TAKIYAMA: Morphology and Crystal Habit of Various Barium Sulfate Precipitates. *Denshi Kembikyo (Electronmicroscopy)*, **8**, 87.
- Keinosuke KOBAYASHI, Eiji SUITO and Shin-ichi SHIMADZU: A New High Voltage (350kV) Universal Electron Microscope and its Applications. *Fourth International Conference on Electron Microscopy*, **1**, 165.
- Eiji SUITO and Natsu UYEDA: Electron Microscopic and Diffraction Studies of Superimposed Lamellar Crystals. *Fourth International Conference on Electron Microscopy*, **1**, 355.
- Eiji SUITO and Natsu UYEDA: Spiral Growth of Colloidal Gold and Moiré Fringe. *Nature*, **185**, 453.
- Eiji SUITO and Natsu UYEDA: Spiral Growth of Lamellar Crystal of Colloidal Gold. *Journal of Electronmicroscopy*, **8**, 25.
- Masafumi ARAKAWA and Eiji SUITO: The Measurement of Particle Size of Ultrafine Powders by Air Permeability Method. *Kogyo Kagaku Zasshi (Journal of the Chemical Society of Japan, Industrial Chemistry Section)*, **63**, 556.
- Akira SHIMADA: The Crystal Structure of Phenylarsonic Acid. *Bulletin of the Chemical Society of Japan*, **33**, 301.

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Organic Chemistry

- Keiiti SISIDO, Kenzi KUMAZAWA and Hitosi NOZAKI: Asymmetric Synthesis in an Aldol Type Condensation of Ketone with Ester. *J. Amer. Chem. Soc.*, **82**, 125.
- Keiiti SISIDO, Yoko UDO and Hitosi NOZAKI: The Reaction of Benzyl Radical Produced from Benzyl Chloride in the Presence of Iron and Water. *J. Amer. Chem. Soc.*, **82**, 125.
- Keiiti SISIDO and Hitosi NOZAKI: Biogenetically Assigned Structure of Thujopsene and Hinoikiic Acid, *J. Org. Chem.*, **25**, 875.
- Keiiti SISIDO, Kiyosi KONDO, Hitosi NOZAKI, Minoru TUDA and Yoko UDO: Synthesis of Gamma-oxosene-cloates. Flavor of Watermelon. *J. Amer. Chem. Soc.*, **82**, 2286.
- Sango KUNICHIKA and Yasumasa SAKAKIBARA: Synthesis of ϵ -Caprolactam from Acetylene. (I). Synthesis of Tetramethylene Chlorohydrin and Tetramethylene Chlorobromide. *Nippon Kagaku Zasshi (Journal of the Chemical Society of Japan, Pure Chemistry Section)*, **81**, 140.
- Sango KUNICHIKA and Yasumasa SAKAKIBARA: Synthesis of ϵ -Caprolactam from Acetylene. (II). Synthesis of Ethyl δ -Cyanovaleate, *Nippon Kagaku Zasshi (Journal of the Chemical Society of Japan, Pure Chemistry Section)*, **81**, 145.
- Sango KUNICHIKA and Yasumasa SAKAKIBARA: Synthesis of ϵ -Caprolactam from Acetylene. (III). Synthesis of ϵ -Caprolactam from Ethyl δ -Cyanovaleate. *Nippon Kagaku Zasshi (Journal of the Chemical Society of Japan, Pure Chemistry Section)*, **81**, 150.
- Yoshimasa TAKEZAKI, Nobuyuki SUGITA and Others: High Pressure Synthesis of Acetic Acid from Methanol and Carbon Monoxide. (Kinetic Studies on Reaction Catalyzed by Phosphoric Acid), *Sekiyu Gakkai-shi (Journal of Japan Petroleum Institute)*, **3**, 708.
- Yoshimasa TAKEZAKI, Yoshiharu KITAHAMA and Others; Study on the One-step High Pressure Synthesis of Dimethyl Formamide. *Kogyo Kagaku Zasshi (Journal of the Chemical Society of Japan, Industrial Chemistry Section)*, **63**, 1739.
- Yoshimasa TAKEZAKI, Tsuneo KAWATANI and Others; BF_3 -Catalyzed High Pressure Synthesis of Acetic Acid from Methanol and Carbon Monoxide. *Bulletin of the Japan Petroleum Institute*, **2**, 94.
- Minoru OHNO, Masayuki HAMADA and Hirokazu Takahara; Synthesis of 3,4-Methylenedioxyphenyl Ethers and their Synergistic Activities on Pyrethrins and Allethrins. *Botyu-Kagaku (Scientific Insect Control)*, **25**, 74.
- Minoru OHNO und Akikazu Hatanaka; Blätteralkohol und Blätteraldehyd. *Botyu-Kagaku (Scientific Insect Control)*, **25**, 168.
- Shuji INAMASU, Yuzo INOUE and MINORU OHNO: A Novel Synthesis of α -Methylmucoic Acid. *Botyu-Kagaku (Scientific Insect Control)*, **25**, 108.
- H. M. WALBORSKY, Toshio SUGITA, Minoru OHNO and Yuzo INOUE: The Absolute Configuration of *trans*-Caronic and *cis* and *trans*-Umbellularic Acids. *J. Amer. Chem. Soc.*, **82**, 5255.
- Yuzo INOUE: Advances in Pyrethrum Chemistry. *Botyu-Kagaku (Scientific Insect Control)*, **25**, 177.
- Akikazu HATANAKA, Masayuki HAMADA and Minoru OHNO: Darstellung von *n*-Hexen-1-olen und *n*-Hexen-1-olen. *Bull. Agr. Chem. Soc. Japan*, **24**, 115.
- Akikazu HATANAKA und Minoru OHNO: Blätteraldehyd: Eine einfache Synthese und Konfiguration. *Bulletin of the Agricultural Chemical Society of Japan*, **24**, 532.
- Akikazu HATANAKA und Minoru OHNO: Über das Vorkommen des *trans*-Isomeren im natürlichen Blätteralkohol. *Z. Naturforsch.* **15**, 415.
- Akikazu HATANAKA und Minoru OHNO: Blätteralkohol (VIII): Über das Vorkommen des *trans*-Isomeren in der natürlichen Blätteralkohol-fraktion. *Bulletin of the Agricultural Chemical Society of Japan*, **24**, 614.
- Katsuhiko ICHIKAWA and Hajime OUCHI: The Kinetics of the Demercuration Reaction of Benzyl- and Beta-(*p*-Methoxyphenyl)-ethylmercuric Acetate with Perchloric Acid. *J. Amer. Chem. Soc.*, **82**, 3876.
- Katsuhiko ICHIKAWA, Hajime OUCHI and Shigemitsu ARAKI: The Kinetics of the Decompositions of Ethylene-Mercuric Salt Addition Compounds with Hydrochloric Acid. *J. Amer. Chem. Soc.*, **82**, 3880.

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Inorganic Materials

- Koichi TOYODA, Akira SHIMADA and Tetsuro TANAKA : Diffuse Scattering of X-Rays by Gamma Ray Irradiated Rochelle Salt. *Journal of the Physical Society of Japan*, **15**, 536.
- Osamu SABURI : Piezoresistivity in Semi-conductive Barium Titanates. *Journal of the Physical Society of Japan*, **15**, 733.
- Megumi TASHIRO, Naohiro SOGA and Sumio SAKKA : A Study of the Absorption Spectra of Cerium in Glasses. *Yogyo Kyokaishi (Journal of the Ceramic Association, Japan)*, **68**, 132.
- Megumi TASHIRO and Sumio SAKKA : Studies on the Mechanical Strength of the Photosensitive Opal Glass. *Yogyo Kyokaishi (Journal of the Ceramic Association, Japan)*, **68**, 158.
- Megumi TASHIRO, Naohiro SOGA and Sumio SAKKA : Behavior of Cerium Ions in Glasses Exposed to X-Rays. *Yogyo Kyokaishi (Journal of the Ceramic Association, Japan)*, **68**, 159.
- Megumi TASHIRO, Sumio SAKKA and Naohiro SOGA : Use of Ordinary Plate Glass as a Gamma-Ray Dosimeter. *Yogyo Kyokaishi (Journal of the Ceramic Association, Japan)*, **68**, 191.
- Megumi TASHIRO, Sumio SAKKA and Masamichi WADA : Mechanical Strength of Polycrystalline Materials. *Yogyo Kyokaishi (Journal of the Ceramic Association, Japan)*, **68**, 223.

Analytical Chemistry

- Masayoshi ISHIBASHI, Tsunenobu SHIGEMATSU and Yasuharu NISHIKAWA : Studies on the Fluorometric Analysis. (XII). Fluorometric Determination of Aluminium by Extraction of its Pentachrome Blue Black R Complex with Amylalcchol. Application to the Analysis of Pure Aluminium. *Nippon Kagaku Zasshi (Journal of the Chemical Society of Japan, Pure Chemistry Section)*, **81**, 259.
- Tsunenobu SHIGEMATSU and Masayuki TABUSHI : Spectrophotometric Method for the Determination of Iron with Dibenzoylmethane. *Nippon Kagaku Zasshi (Journal of the Chemical Society of Japan, Pure Chemistry Section)*, **81**, 262.
- Tsunenobu SHIGEMATSU and Masayuki TABUSHI : Separation and Spectrophotometric Determination of Uranium by the Extraction of Dibenzoylmethane Chelate with Butyl Acetate. *Nippon Kagaku Zasshi (Journal of the Chemical Society of Japan, Pure Chemistry Section)*, **81**, 265.

Biochemistry

- Kikuo OGIU, Hajime FUJIMURA and Yutaka YAMAKAWA : Studies on Diphenylalkylamine Derivatives. (I). 1,2-Diphenylethylamine Derivatives. *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, **80**, 283.
- Hajime FUJIMURA and Yutaka YAMAKAWA : Studies on Diphenylalkylamine Derivatives. (II). N-Methyl-N-alkyl-1,2-diphenylethylamine Derivatives. *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, **80**, 286.
- Yutaka YAMAKAWA : Studies on Diphenylalkylamine Derivatives. (III). Substituted 1,2-Diphenylethylamine Derivatives. (1). *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, **80**, 289.
- Yutaka YAMAKAWA : Studies on Diphenylalkylamine Derivatives. (IV). Substituted 1,2-Diphenylethylamine Derivatives. (2). *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, **80**, 292.
- Yutaka YAMAKAWA : Studies on Diphenylalkylamine Derivatives. (V). 1,2-Diphenyl-2-hydroxyethylamine Derivatives. *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, **80**, 295.
- Yutaka YAMAKAWA : Studies on Diphenylalkylamine Derivatives. (VI). 1,2-Diphenylbutanolamine Derivatives. *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, **80**, 298.
- Hajime FUJIMURA and Yutaka YAMATAWA : Studies on Syntheses and Pharmacological Action of Optically Active 2-Dimethylaminoethyl 2,3-Diphenylpropionate. *Yakugaku Zasshi*

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- (*Journal of the Pharmaceutical Society of Japan*). 80, 333.
- Hajime FUJIMURA and Yutaka YAMAKAWA : Studies on Pharmacological Action of Benzoyl-urea Derivatives. *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, 80, 335.
- Hajime FUJIMURA and Kiyohisa KAWAI : Pharmacological Studies on Diphenylalkylamine Derivatives. (I). Comparative Studies of the Optical Isomers of 1,2-Diphenyl-1-dimethyl-aminoethane HCl. *Nippon Yakurigaku Zasshi (Folia Pharmacologica Japonica)*, 56, 514.
- Hajime FUJIMURA, Kiyohisa KAWAI, Katsuya OHATA and Shoji SHIBATA : Pharmacologica Studies on Diphenylalkylamine Derivatives. (II). On the Action of 1-1,2-Diphenyl-1-dimethyl-aminoethane HCl (SPA). *Nippon Yakurigaku Zasshi (Folia Pharmacologica Japonica)*, 56, 522.
- Hajime FUJIMURA : Analgesic Effect of Tremorine. (I). *Nippon Yakurigaku Zasshi (Folia Pharmacologica Japonica)*, 56, 83 §.
- Hajime FUJIMURA, Hideaki HIKITA and Takiko AKASHI : Writhing Syndrome and a Method of Testing Analgesia in Mice. (I). *Nippon Yakurigaku Zasshi (Folia Pharmacologica Japonica)*, 56, 83 §.
- Hajime FUJIMURA, Hideaki HIKITA and Katsuya OHATA : On the Pharmacological Studies of Benzoylglycine Derivatives and their Related Compounds. *Nippon Yakurigaku Zasshi (Folia Pharmacologica Japonica)*, 56, 162 §.
- Hajime FUJIMURA, Katsuya OHATA and Hideaki HIKITA : On the Pharmacological Studies of Benzoylglycine Derivatives and their Related Compounds (Continued). *Nippon Yakurigaku Zasshi (Folia Pharmacologica Japonica)*, 56, 204 §.
- Hajime FUJIMURA, Hideaki HIKITA and Takiko AKASHI : Comparative Studies of Vilan (3,6-Dinicotinoyl-morphine HCl) and Morphine HCl. *Nippon Yakurigaku Zasshi (Folia Pharmacologica Japonica)*, 56, 204 §.
- Tomoji SUZUKI, Sadaaki IWANAGA and Masatoshi SATAKE : Studies on Snake Venoms. (VI). Fractionation of Three Phosphodiesterase from Venom of Mamushi (*Agkistrodon halys blomhoffi* Boie). *Yakugaku Zasshi (Journal of Pharmaceutical Society of Japan)*, 80, 857.
- Tomoji SUZUKI, Sadaaki IWANAGA and Masatoshi SATAKE : Studies on Snake Venoms. (VII). On the Properties of Three Phosphodiesterase Obtained from Mamushi Venom (*Agkistrodon halys blomhoffi* Boie). *Yakugaku Zasshi (Journal of Pharmaceutical Society of Japan)*, 80, 861.
- Tomoji SUZUKI and Sadaaki IWANAGA : Studies on Snake Venoms. (VIII). Substrate Specificity of L-Amino Acid Oxidase in Mamushi (*Agkistrodon halys blomhoffi* Boie) and Habu (*Trimeresurus okinavensis* Boulenger) Venoms. *Yakugaku Zasshi (Journal of Pharmaceutical Society of Japan)*, 80, 1002.
- Tomoji SUZUKI : Enzymes from Snake Venoms. *Seikagaku (Journal of Japanese Biochemical Society)*, 32, 767.
- Osamu HAYAISHI, Yasutomi NISHIZUKA and Shigeru KUNO : Lactose Dehydrogenase, a New Flavoprotein. *J. B. C.*, 225, PC 13.
- Osamu HAYAISHI, Shigeru KUNO, Minoru TASHIRO, Hiroshi TANIGUCHI, Hiromi YAMADA, Kengo HORIBATA, T. SAKAN, S. SENOH and T. TOKUYAMA : The Mechanism of Enzymatic Formation of Glutaric Acid from Kynurenic Acid. *Federation Proceedings*, 19, 15.
- Osamu HAYAISHI, Hiroshi TANIGUCHI, Minoru TASHIRO, Kengo HORIBATA, Shigeru KUNO, T. SAKAN, S. SENOH and T. TOKUYAMA : The Enzymic Formation of 7,8-Dihydroxykynurenic Acid from Kynurenic Acid. *Biochim. Biophys. Acta*, 43, 356.
- Osamu HAYAISHI, Yasutomi NISHIZUKA and Shigeru KUNO : Enzymic Formation of Acetyl-CoA and CO₂ from Glutaryl-CoA. *Biochim. Biophys. Acta.*, 43, 357.
- Ryokuero SUZUE, Roberts H. BAKER and Henry R. MAHLER : Studies on the Mechanism of Enzymatic Hydrogen Transfer Reactions. *Federation Proceedings*, 19, 34.
- Osamu HAYAISHI and Nobutomo ITADA : Experimental Technique of O¹⁸. *Tanpakushitsu, Kakusan, Koso. (Protein, Nucleic Acid and Enzyme)*, 15, 297.
- Osamu HAYAISHI, Yasutomi NISHIZUKA, Masazumi TAKESHITA, Shigeru KUNO, Huminori KANATSUNA and Masamichi TACHIBANA : β -Alanine- α -Alanine Transaminase of Pseudomonas. *Kosokagaku Shimpozium (Symposium of Enzyme Chemistry)*, 14, 107.

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- Osamu HAYAISHI, Minoru TASHIRO, Hiroshi TANIUCHI, Kengo HORIBATA, Shigeru KUNO, Akira KOBATA, Hiromi YAMADA and Kinzi TSUKADA : Enzymatic Degradation of Kynurenin Acid. *Kosokagaku Shimpozimu (Symposium of Enzyme Chemistry)*, 14, 359.
- Tomoji SUZUKI, Katsuhiro IIZUKA, Yorihiro MURATA : Studies on Snake Venoms. (IX). On the Studies of Diphosphopyridine Nucleotidase in Snake Venom. *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, 80, 868.
- Tomoji SUZUKI, Sadaaki IWANAGA and Keiichi NITTA : Studies on Snake Venom. (XI). On the Hydrolysis of Cyclic Mononucleotides by Snake Venom. *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, 80, 1040.

Nuclear Physics & Chemistry

- Hajime NARUMI and Shigeru MATSUO : A Remark on Rotational Transforms in a Stellarator. *Doshisha-Daigaku Rikogaku-Kaishi (Science and Engineering Review of Doshisha University)*, 1, 233.
- Hajime NARUMI and Hiroaki NAGAI : Electric and Magnetic Moments of Odd-Neutron Nuclei on the Single Configuration Model. *Nuclear Physics*, 16, 193.
- Hajime NARUMI and Shigeru MATSUO : Effect of π -Meson Cloud Polarization on μ -Mesonic Hydrogen Atom. *Progress Report*, 9, in press.
- D. HARTING, J. C. KLUYVER and A. KUSUMEGI : Absolute Intensity Measurements on the External Proton Beam of the CERN Synchrocyclotron. A Measurement of the Cross-Section of the Reaction $C^{12}(p, pn)C^{11}$ at 591-Mev Incident Proton Energy. *CERN Report*, CERN 60-17.
- D. HARTING, J. C. KLUYVER, A. KUSUMEGI, R. RIGOPOULOS, A. M. SACHS, G. TIBELL, G. VANDERHAEGHE and G. WEBER : Experiment on Charge Independence in Pion-Nucleon Interaction. *Phys. Rev.*, 119, 1716.
- Tsunehobu SHIGEMATSU and Toshiki OSHIO : Decomposition of Radioactive Contaminants from Water with Vermiculite. *Doitai to Hoshasen (Isotopes and Radiation)*, 3, 170.
- Tsunenobu SHIGEMATSU and Toshiki OSHIO : Absorption of Cesium on Greensand. *Nippon En-Gakkaishi (Bulletin of the Society of Salt Science, Japan)*, 14, 185.

High Polymers

- Ichiro SAKURADA and Yasuhiko NUKUSHINA : Studies on the Small-Angle X-Ray Scattering of Polyvinyl Alcohol. (I). Measurement of Long-Period of Polyvinyl Alcohol Fibers Produced under Various Conditions of Heat Treatment. *Kobunshi Kagaku (Chemistry of High Polymers)*, 17, 13.
- Ichiro SAKURADA and Yasuhiko NUKUSHINA : Studies on the Small-Angle X-Ray Scattering of Polyvinyl Alcohol. (II). Change in Long-Period of Polyvinyl Alcohol Fibers with the Swelling. *Kobunshi Kagaku (Chemistry of High Polymers)*, 17, 17.
- Ichiro SAKURADA, Yasuhiko NUKUSHINA and Zen-ichi ORIDO : Studies on the Small-Angle X-Ray Scattering of Polyvinyl Alcohol. (III). Measurement of Long-Period of Polyvinyl Alcohol Fibers of Various Degrees of Elongation. *Kobunshi Kagaku (Chemistry of High Polymers)*, 17, 18.
- Ichiro SAKURADA, Yasuhiko NUKUSHINA and Hiroshi TANZAWA : On the X-Ray Small-Angle Scattering of High Tenacity Rayon and Ramie. *Kobunshi Kagaku (Chemistry of High Polymers)*, 17, 21.
- Ichiro SAKURADA, Yasuyoshi SAKAGUCHI, Kunpei HOSOI and Setsuya FUKUI : Kinetics of Esterification of Polyvinyl Alcohol with Monochloroacetic Acid. *Kobunshi Kagaku (Chemistry of High Polymers)*, 17, 83.
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- Ichiro SAKURADA and Shuji MATSUZAWA : Chemical Studies on the Effect of Radiation on Polyvinyl Alcohol. (III). The End Groups Formed by γ -Irradiation *in vacuo* of Dry Polyvinyl Powder. *Kobunshi Kagaku (Chemistry of High Polymers)*, **17**, 693.
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- Ichiro SAKURADA, Toshio OKADA and Eiko KUGO : Radiation Induced Graft Copolymerization to Polyvinyl Alcohol. (V). Thermal Grafting of Methyl Methacrylate to Polyvinyl Alcohol Films Gamma Irradiated in Air. *Doitai to Hoshasen (Isotopes and Radiation)*, **3**, 316.
- Ichiro SAKURADA, Toshio OKADA and Eiko KUGO : Radiation Induced Graft Copolymerization to Polyvinyl Alcohol. (VI). Grafting of Methyl Methacrylate to Pre-Irradiated Polyvinyl Alcohol Films in the Presence of Iron Ion. *Doitai to Hoshasen (Isotopes and Radiation)*, **3**, 354.
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- Ichiro SAKURADA, Toshio OKADA and Eiko KUGO : Radiation-Induced Graft Copolymerization of Polyvinyl Alcohol. *Large Radiation Sources in Industry*, 447.
- Ichiro SAKURADA and Norio ISE : Ueber die Viskosität von Polyelektrolytlösungen. *Makromol. Chem.*, **40**, 126.
- Ichiro SAKURADA, Yasuyoshi SAKAGUCHI and Shiro KOKURYO : The Extension of Polyvinyl Bonzoate in θ Solvent. *Kobunshi Kagaku (Chemistry of High Polymers)*, **17**, 227.
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- Sigeharu ONOGI, Tadashi KOBAYASHI, Yasuhiro KOJIMA and Yoshishige TANIGUCHI : Non-Newtonian Flow of Concentrated Solutions of High polymers. (I). Polyvinyl Alcohol. *Zairyo Shiken (Journal of the Japan Society for Testing Materials)*, **9**, 245.
- Masao HORIO, Rikizo IMAMURA and Kaneyasu TANI : Characterization of Alkali Solubles of Cellulose by X-Ray Diffraction Analysis. *Tappi*, **43**, 769.
- Masao HORIO, Rikizo IMAMURA, Tsuyoshi KIYOTSUKURI and Koji KURODA : Fibers from Vaniric Acids. *Nihon Kagakusen-i Koenshu (Reports of the Research Institute of Chemical Fibers, Kyoto University)*, **17**, 51.
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- Ryohei ODA, Shohei TOKIURA, Fujio MISUMI and Masaya OKANO : Synthesis of Condensation Polymer Having Pyrrolidone Group. *Kobunshi Kagaku (Chemistry of High Polymers)*, **17**, 685.
- Junji FURUKAWA, Takeo SAEGUSA, Hiroyasu FUJII, Akihiro KAWASAKI, Hirosuke IMAI and Yoshikazu FUJII : Crystalline Polyaldehyde. *Makromol. Chem.*, **37**, 149.
- Junji FURUKAWA, Takeo SAEGUSA and Noritoshi MISE : Polymerization of Diketene. *Makromol. Chem.*, **39**, 243.
- Junji FURUKAWA, Takeo SAEGUSA, Teiji TSURUTA, Akihiro KAWASAKI, Shiro ANZAI and Tsuneaki NARUMIYA : Polymerization of Olefins by the Binary Mixture of Organometallic Compound and Silica-Alumina-Titania. *Makromol. Chem.*, **41**, 17.
- Junji FURUKAWA, Takeo SAEGUSA, Teiji TSURUTA, Akihiro KAWASAKI, Shiro ANZAI and Tsuneaki NARUMIYA : Polymerization. *Kogyo Kagaku Zasshi (Journal of the Chemical Society of Japan, Industrial Chemistry Section)*, **63**, 1812.
- Junji FURUKAWA, Teiji TSURUTA, Ryoza SAKATA, Takeo SAEGUSA and Akihiro KAWASAKI : Polymerization of Propylene Oxide by Diethylzinc in the Presence of Cocatalysts. *Makromol. Chem.*, **37**, 90.
- Ryoza SAKATA, Teiji TSURUTA, Takeo SAEGUSA and Junji FURUKAWA : Polymerization of Propylene Oxide and Vinyl Compounds by Diethylzinc in the Presence of Cocatalysts. *Makromol. Chem.*, **40**, 64.
- Ryoza SAKATA, Teiji TSURUTA, Takeo SAEGUSA and Junji FURUKAWA : Polymerization of Propylene Oxide and Vinyl Compounds by Diethylzinc in the Presence of Cocatalysts. *Kogyo Kagaku Zasshi (Journal of the Chemical Society of Japan, Industrial Chemistry Section)*, **63**, 1817.
- Takeo SAEGUSA : Polyaldehydes and Polyalkylene Oxides. *Sekiyu to Sekiyu-kagaku (Petroleum and Petrochemistry)*, **4**, 55.
- Akihiro KAWASAKI, Junji FURUKAWA, Takeo SAEGUSA, Noritoshi MISE and Teiji TSURUTA : Infrared Spectrum and Structure of Polydiketene. *Makromol. Chem.*, **42**, 25.
- Hiroyasu FUJII, Junji FURUKAWA, Takeo SAEGUSA and Akihiro KAWASAKI : Stereoblock Polymer of Acetaldehyde. *Makromol. Chem.*, **40**, 226.
- Ryoza KITAMARU, Michinobu OCHI, Yeong-Jun KO and Waichiro TSUJI : The Preparation of New Synthetic Fibers by the Emulsion Mixed Spinning. *Nihon Kagakusen-i Kenkyusho Koenshu (Reports of the Research Institute of Chemical Fibers, Kyoto University)*, **17**, 39.
- Waichiro TSUJI, Ryoza KITAMARU, Terumichi ICHIBA and Yeong-Jun KO : Graft Polymerization of Vinyl Monomers onto Polyvinyl Alcohol Fibers. *Kogyo Kagaku Zasshi (Journal of the Chemical Society of Japan, Industrial Chemistry Section)*, **63**, 1627.
- Hoshio NAKAMURA, Ryoza KITAMARU and Michiharu NEGISHI : Synthetic Fibers from Polymer Blends Containing Polyvinyl Alcohol and Partially Carbamoylethylated Polyvinyl Alcohol on its N-Methylolated Product. *Kogyo Kagaku Zasshi (Journal of the Chemical Society of Japan, Industrial Chemistry Section)*, **63**, 1782.
- Waichiro TSUJI : New Development of Chemical Fibers. *Kagaku to Kogyo (Chemistry and Chemical Industry)*, **13**, 1009.
- Waichiro TSUJI, Ryoza KITAMARU and Yasuyoshi SAKAGUCHI : Studies on the Fibrous Acetylation of Cotton. (I). *Sen-i Gakkaishi (Journal of the Society of Textile and Cellulose Industry, Japan)*, **16**, 1020.
- Waichiro TSUJI, Ryoza KITAMARU, Yasuyoshi SAKAGUCHI and Fujiko KIMURA : Studies on the Fibrous Acetylation of Cotton. (II). *Sen-i Gakkaishi (Journal of the Society of Textile and Cellulose Industry, Japan)*, **16**, 1026.
- Waichiro TSUJI and Masazo IMAI : The Softening of Raw Silk by the Treating with Chemical Compounds. *Sen-i Gakkaishi (Journal of the Society of Textile and Cellulose Industry, Japan)*, **16**, 879.
- Haruo TAKAGI and Waichiro TSUJI : Studies on the Stiffness of Silk Fibers. (IV). *Sen-i Gakkaishi (Journal of the Society of Textile and Cellulose Industry, Japan)*, **16**, 115.

LIST OF THE ARTICLES

- Waichiro TSUJI, Masazo IMAI, Ken-ichi MATSUZAKI and Atsuji MATSUMOTO: On the Softening Effects of Textile Oiling Agent. *Sen-i Gakkaishi (Journal of the Society of Textile and Cellulose Industry, Japan)*, **16**, 617.
- Hiroshi INAGAKI: Eine thermodynamische Theorie über das scheinbare spezifische Volumen von Hochpolymeren in Lösung. *Makromol. Chem.*, **40**, 118.
- Hiroshi INAGAKI: Zur phänomenologischen und statistischen Thermodynamik von Polymerlösungen. *Z. physik. Chem. (N.F.)*, **24**, 390.